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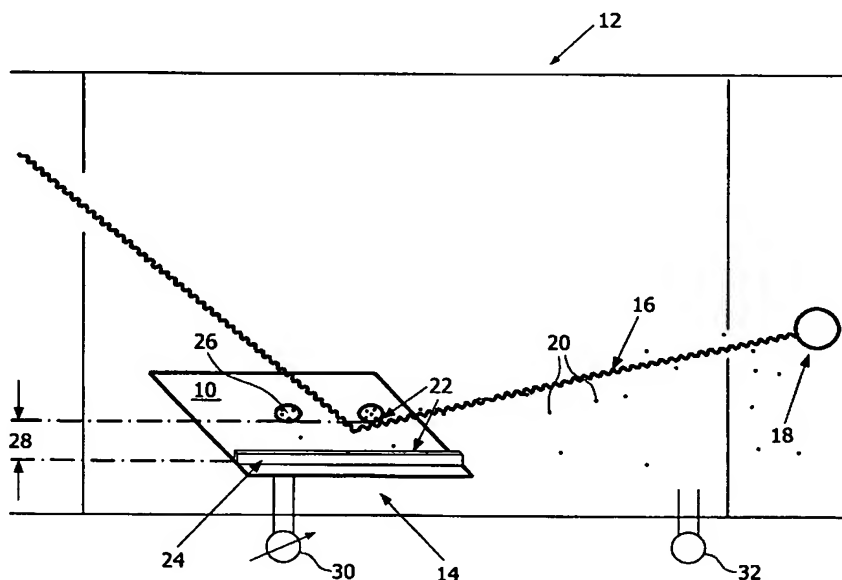
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(54) Title: METHOD OF CLEANING AT LEAST ONE SURFACE OF AN OPTICAL DEVICE DISPOSED IN A VACUUM CHAMBER



(57) Abstract: A method of cleaning at least one surface of an optical device disposed in a vacuum chamber, which is at least partially contaminated by atoms and/or ions of metalloid and/or metal introduced by a radiation source generating, in particular, extreme ultraviolet radiation and/or 10 soft X-rays is described. In order to achieve a longer service life for the optical device (14), the method is designed such that a temperature prevailing on the surface (10) and/or a pressure in the vacuum chamber (12) is adjusted in such a way that the atoms and/or ions (20) hitting the surface (10) can move upon it.

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